



# AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(Affiliated to Bharathidasan University, Thiruchirappalli)

Regunathapuram (PO), Karambakudi (TK), Pudukkottai (DT) – 622302



## NAAN MUDHALVAN FACULTY DEVELOPMENT PROGRAMME

Activity Name	Naan Mudhalvan Faculty Development Programme
Date of Activity	18 - 23 June, 2024
Mode of Conduct	Offline
Duration	9.00 AM to 4.30 PM
Participants	Faculty:01
Description	<p>A Faculty Development Programme (FDP) was organized from 18th June 2024 to 23rd June 2024 under the Naan Mudhalvan Scheme, aimed at enhancing the skills and pedagogical knowledge of faculty members. The program witnessed active participation from teaching staff across various affiliated colleges of Bharathidasan University.</p> <p>Ms. N. Sengamala Selvi, Assistant Professor in the Department of Computer Applications at Auxilium College of Arts and Science for Women, took part in the intensive six-day training program. The sessions focused on equipping educators with innovative teaching methodologies and up skilling them to meet contemporary academic and industry demands.</p> <p>The FDP was effectively coordinated by Ms. Pinky, a representative from the Tamil Nadu Skill Development Corporation (TNSDC), as part of the Naan Mudhalvan initiative. The program provided a valuable platform for faculty members to upgrade their professional competencies and contribute more effectively to student development.</p> <p>The programme commenced with an inspiring welcome address by Professor Balamurugan, who emphasized the vision of the Naan Mudhalvan initiative to improve student learning outcomes through integrative and practical technical education. His address set the tone for a week of meaningful engagement and knowledge exchange.</p> <p>Day 1: Introduction to the Naan Mudhalvan scheme, its objectives, and its role in bridging academic knowledge with industry needs.</p> <p>Day 2: Technical sessions on Generative AI and the Google Cloud Platform, led by Mr. Srikanth and Mr. HariPrabu, including practical orientation on login procedures and access to learning tools.</p> <p>Day 3: Hands-on sessions involving Google Cloud login credentials and navigation through self-learning modules and virtual labs.</p> <p>Days 4 &amp; 5: Intermediate to advanced lab sessions focusing on real-time applications of Gen-AI using the Google Cloud infrastructure.</p> <p>Day 6: A Grand Assessment Test conducted via the Google Cloud Platform to evaluate the participants' understanding and engagement with the tools and concepts covered.</p>

The FDP saw the enthusiastic participation of 250 faculty members from various colleges. Feedback collected at the end of the programme indicated that the sessions were informative, engaging, and intellectually enriching.

The programme concluded with a formal Vote of Thanks delivered by Prof. Balamurugan (Vice Chancellor, BDU), Mr. Vijay Vajrevel (Smart Internz Team), and Ms. Pinky (Naan Mudhalvan Team Coordinator), expressing gratitude to the organizers, resource persons, and participating faculty for their active involvement and contribution to the success of the FDP.

## Photos



GOVERNMENT OF TAMILNADU  
TAMILNADU SKILL DEVELOPMENT CORPORATION  
NAAN MUDHALVAN PROGRAMME

CERTIFICATE  
OF COMPLETION



FACULTY DEVELOPMENT PROGRAMME

It is hereby certified that Mr./Dr./Mrs. SENGAMALASELVI N from

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN

has completed the Generative AI course with A+ grade\*.

Tamil Nadu Skill Development Corporation, Government of Tamil Nadu, awards this certificate to mark faculty training through the Naan Mudhalvan Program held at BHARATHIDASAN UNIVERSITY

From 18/06/2024 To 23/06/2024

Issued on: 13/01/2025

AUTHORISED SIGNATORY OF  
INDUSTRY/ TRAINING PARTNER



MANAGING DIRECTOR,  
TAMIL NADU SKILL DEVELOPMENT CORPORATION

\*This is **Eligible** under Career Advancement Scheme

Grade: A+(90-100), A(81-89), B(71-80), C(61-70), D(50-60)





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## NAAN MUDHALVAN FACULTY DEVELOPMENT PROGRAMME

<b>ActivityName</b>	Naan Mudhalvan Faculty Development Programme
<b>DateofActivity</b>	01.07.2024 – 05.07.2024
<b>ModeofConduct</b>	Offline
<b>Duration</b>	9.00 am to 4.30 PM
<b>Participants</b>	Faculty:01
<b>Description</b>	<p>The Faculty Development Programme (FDP) organized by Bharathidasan University under the Naan Mudhalvan scheme was successfully conducted from 01st July 2024 to 05th July 2024.</p> <p>Prof. Mrs. L. M. Muthulakshmi, Assistant Professor, Department of Computer Applications, actively participated in this enriching six-day up skilling programme, which focused on Object Oriented Programming Using Python.</p> <p>The sessions were led by Mr. Sivakumar, Operations Executive at Infosys, who served as the resource person. He delivered detailed insights into how to develop programming code efficiently using object-oriented principles in Python.</p> <p>The programme included both theoretical and practical sessions, covering the fundamentals of Object-Oriented Programming (OOP) a programming paradigm centered on the concept of objects, which are instances of classes The four key pillars of OOP in Python Inheritance, Polymorphism, Encapsulation, and Data Abstraction.</p> <p>This FDP proved to be highly beneficial for enhancing the programming knowledge and teaching methodologies of faculty members. It contributed significantly to the professional development of Prof. Mrs. L. M. Muthulakshmi, reinforcing the Department of Computer Applications' commitment to continuous learning and academic excellence.</p>



Photos



**NAAN MUDHALVAN COURSE FOR ODD SEMESTER**

<b>Activity Name</b>	Naan Mudhalvan Course
<b>Date of Activity</b>	22.07.2024 – 30.09.2024
<b>Mode of Conduct</b>	Online
<b>Total No. Of. Classes</b>	10 weeks
<b>Organizers</b>	Smart Internz
<b>Participants</b>	Students - 54
<b>Description</b>	<p>The Tamil Nadu Skill Development Corporation (TNSDC) organized a Skill Development Program under the Naan Mudhalvan initiative for III Year BCA students. The program was conducted in virtual mode from 22<sup>nd</sup> July 2024 to 30<sup>th</sup> September 2024, with sessions held daily from 11:00 AM to 1:00 PM.</p> <p>The subject of the program was “Generative AI”, a cutting-edge topic in the field of Artificial Intelligence. The sessions began with an explanation of the login credentials for the Google Cloud Skill Boost platform and the Naan Mudhalvan (NM) portal, enabling students to access the course materials and resources.</p> <p>The Trainer elaborated on various key topics, including the Skill Wallet system, cloud implementation in IT, and the fundamentals of cloud computing. The sessions also covered important areas such as the use and advantages of Artificial Intelligence, its history, applications of Google Cloud, and an overview of the AI ecosystem.</p> <p>The Naan Mudhalvan team provided the in-charge faculty with the Email ID and time schedule for the online classes. They also explained the course structure of the Google Cloud Platform and guided students through the AI laboratory modules.</p> <p>As part of the program, a Grand Assessment was conducted on 30<sup>th</sup> September 2024, from 11:00 AM to 1:00 PM, in virtual mode. All participating students took the assessment on the Google Cloud Skill Boost portal, responded to all questions, and successfully completed the assessment.</p> <p>The program was highly informative and enriched the students’ understanding of Generative AI and cloud-based AI applications, thereby enhancing their employability skills in the evolving tech industry.</p>


## Photos








## PANEL DISCUSSION WITH INNOVATION AND START-UP ECOSYSTEM ENABLERS

<b>ActivityName</b>	Panel discussion with innovation and Start-up Ecosystem Enablers	
<b>Date of Activity</b>	30.08.2024	
<b>Mode of Conduct</b>	Offline	
<b>Time</b>	10.00 AM - 12.00 PM	
<b>Participants</b>	Students -94 Faculty -5	
<b>Description</b>	<p>Auxilium Institution's Innovation Council, in collaboration with the Department of Computer Applications, organized a panel discussion with "Innovation and Startup Ecosystem Enablers" on August 30, 2024. The session aimed to provide insights into the current trends and opportunities in the startup ecosystem, with a particular focus on the role of innovation in driving successful entrepreneurial ventures. The discussion was led by Dr. S. Padmavathi, the Head of the Department of Computer Science. Dr. Padmavathi shared her expertise on the subject, explaining the crucial elements that contribute to the growth of startups. She emphasized the importance of innovative thinking and how academic institutions can play a significant role in fostering an entrepreneurial mindset among students. She provided examples of successful startups that originated from innovative ideas and were supported by academic institutions. The session also highlighted the importance of collaboration between industry and academia in building a robust startup ecosystem. The discussion encouraged students and faculty to explore entrepreneurial opportunities and consider how they can contribute to the growing landscape of startups.</p>	
<b>Photos</b>		

**NAAN MUDHALVAN FINAL ASSESSMENT**

<b>Activity Name</b>	Naan Mudhalvan Final Assessment
<b>Date of Activity</b>	30.09.2024
<b>Mode of Conduct</b>	Online
<b>Time</b>	9.00 AM- 1.30 PM
<b>Participants</b>	Students - 54
<b>Description</b>	<p>As part of the Naan Mudhalvan initiative launched by the Government of Tamil Nadu, the Skill Development Examination in Generative AI was successfully conducted for final year BCA students of Auxilium College of Arts and Science for Women.</p> <p>The course, categorized under Computer Applications, was conducted online over a period of 10 weeks, from July 22 to September 30, 2024. The final assessment was held on September 30, 2024, at Auxilium College.</p> <p>A grand assessment test was conducted on September 30, 2024, from 11:00 AM to 1:00 PM in virtual mode.</p> <p>Students completed the assessment through the Google Cloud Skill Boost portal, successfully answering questions and demonstrating their learning outcomes.</p> <p>The program provided valuable insights and practical skills in Generative AI and cloud computing, preparing students for future career opportunities in these emerging technology domains.</p> <p>A total of 54 students enrolled in and successfully completed the course. The training offered in-depth knowledge of Generative AI, enhancing students' technical proficiency and analytical thinking. It served as a key platform to improve their employability in AI-driven roles and built their confidence in navigating modern, cloud-based computing environments.</p>
<b>Photos</b>	



**MY STORY - MOTIVATIONAL SESSION BY SUCCESSFUL INNOVATORS**

<b>Activity Name</b>	My Story - Motivational Session by Successful Innovators
<b>Date of Activity</b>	08 November, 2024
<b>Mode of Conduct</b>	Offline
<b>Time</b>	10. 00 AM – 01.00 PM
<b>Participants</b>	Students -92 Faculty -04
<b>Description</b>	<p>On 08<sup>th</sup> November 2024, the Auxilium Institution's Innovation Council, in collaboration with the Department of Computer Applications, organized an inspiring session titled "My Story - Motivational Session by Successful Innovators". This event was aimed at encouraging and empowering students by sharing the journey and achievements of successful innovators. The session was graced by Ms. A. AnithaJanova, who served as the resource person for the event. Her motivational address provided deep insights into the challenges, strategies, and triumphs experienced by innovators in their pursuit of excellence.</p> <p>The session commenced with a warm welcome and introduction of the guest by Ms. N. Sengamala Selvi, Head of the Department of Computer Science, who also had the honor of felicitating Ms. A. Anitha Janova. During her talk, Ms. Anitha Janova elaborated on the qualities and mindset required to become a successful innovator. She emphasized the importance of perseverance, creativity, and continuous learning in overcoming obstacles and achieving success. Her personal anecdotes and practical advice left a lasting impact on the audience.</p> <p>The session was well-attended by students and faculty members, who actively engaged in the interactive Q&amp;A session, reflecting their enthusiasm and curiosity about the innovation journey. The event concluded with a vote of thanks, expressing gratitude to the resource person for her valuable contribution and to all participants for making the event a success. This motivational session was a testament to Auxilium Institution's commitment to fostering innovation and inspiring future leaders.</p>

## Photos



H46F+MVX, Regunathapuram, Tamil Nadu 622302, India,  
08.11.2024, 11:20 AM, Friday



H46F+MVX, Regunathapuram, Tamil Nadu 622302, India,  
08.11.2024, 11:20 AM, Friday



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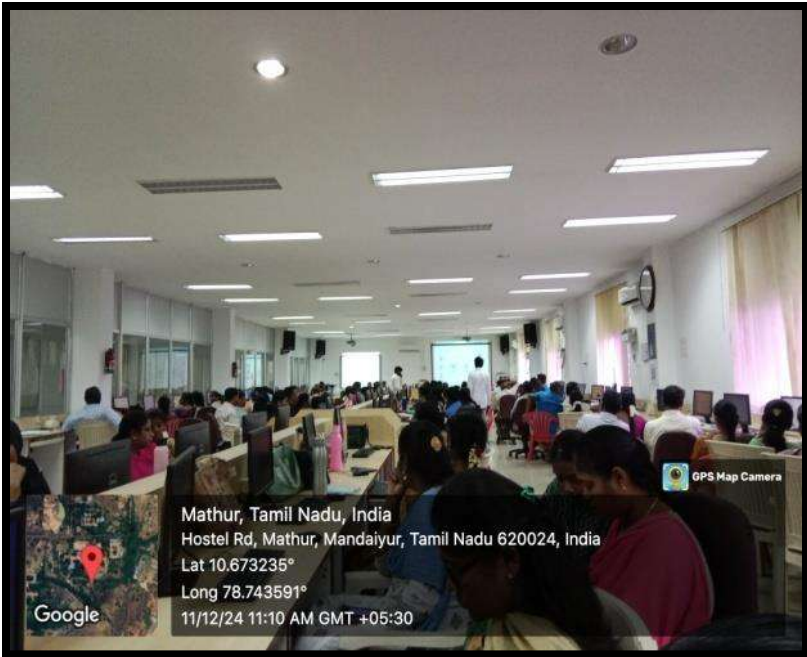


## NAAN MUDHALVAN FACULTY DEVELOPMENT PROGRAM

<b>ActivityName</b>	Naan Mudhalvan Faculty Development Programme
<b>Date of Activity</b>	9.12.2024– 17.12.2024
<b>Mode of Conduct</b>	Offline
<b>Time</b>	9.00 AM- 4.30 PM
<b>Participants</b>	Faculty -1
<b>Description</b>	<p>Bharathidasan University organized a six-day Faculty Development Programme (FDP) under the Naan Mudhalvan scheme, held from December 9 to December 17, 2024. Mrs. L. M. Muthulakshmi, Assistant Professor, Department of Computer Applications, participated in this highly effective training program, which was designed to up-skill faculty members in Google Cloud Computing in order to better support UG third-year students. The FDP was led by expert resource persons, including Mr. Moses and Mr. Anwar from Smart Bridge Educational Services Pvt. Ltd., along with Mr. Ganesh, Operations Executive for Google Cloud Computing. The sessions were comprehensive, focusing on how to effectively use cloud technologies, develop programming code efficiently, and motivate students by demonstrating the real-world value of cloud-based learning.</p> <p>During the hands-on lab sessions, participants explored various topics such as Fundamentals of Cloud Computing, Google Cloud Infrastructure, Networking and Security in Google Cloud, Vertex AI, App Engine, Google Cloud SQL, Data Management, Machine Learning, and Artificial Intelligence on Google Cloud. This FDP was a significant initiative aimed at enhancing faculty competencies in cloud technology, enabling them to deliver future-ready content and support students in acquiring industry-relevant skills.</p>



Photos





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## THREE-DAY SCIENCE CONCLAVE 2024 (SCICON-2024)

<b>ActivityName</b>	Three-day Science Conclave 2024 (SCICON-2024)
<b>Date of Activity</b>	12.12.2024 – 14.12.2024
<b>Mode of Conduct</b>	Offline
<b>Time</b>	Three Days
<b>Participants</b>	Students - 590 Faculty -52
<b>Description</b>	<p>The Departments of Computer Science, Computer Applications, Mathematics, and Physics at Auxilium College of Arts and Science for Women proudly hosted the three-day Science Conclave 2024 (SCICON-2024) from 12th to 14th December 2024. This prestigious event brought together distinguished academicians, researchers, and students to foster collaboration, ignite intellectual dialogue, and explore advancements in Computer Science, Computer Applications, Mathematics, and Physics.</p> <p>SCICON-2024 served as a dynamic platform for participants to exchange pioneering ideas, delve into groundbreaking research, and explore emerging trends. By embracing interdisciplinary learning, the conclave broadened horizons and deepened expertise, empowering participants to push the boundaries of their respective fields.</p> <p><b>Date and Venue</b></p> <p>SCICON-2024 was held from 12th to 14th December 2024 at Auxilium College of Arts and Science for Women, Regunathapuram. With 652 participants from 53 institutions across diverse disciplines, the conclave was a truly vibrant and collaborative gathering.</p> <p><b>World-Class Keynote Speakers</b></p> <p>We were privileged to host distinguished keynote speakers who inspired and set the tone for intellectual engagement:</p> <p>Dr. E. Suresh – Assistant Professor, Department of Mathematics, SRM Institute of Science and Technology, Tamil Nadu.</p> <p>Dr. Emima – Assistant Professor of Physics, Holy Cross College, Tiruchirappalli.</p> <p>Dr. Jeipratha – School of Computer Science and Engineering, Vellore Institute of Technology, Chennai.</p> <p>Dr. Sakander Hayat – Universiti Brunei Darussalam, Brunei.</p> <p>Their expert insights on innovation, interdisciplinary research, and emerging technologies</p>

provided a solid foundation for SCICON-2024.

### **Editorial, Scientific, and Organizing Teams**

The scientific excellence of SCICON-2024 was ensured by our esteemed Scientific and Editorial Team, led by:

Dr. Bharathi Bernadsha (Sacred Heart College, Thirupattur)

Dr. J. Clement (VIT, Vellore)

Dr. S. Arul Amirtha Raja (St. Joseph's College of Engineering, Chennai)

The event's seamless execution was made possible by the Organizing Team, comprising Dr. Padmavathi, Dr. Leema, and Dr. Evangelin, along with dedicated faculty members from the science disciplines.

### **Highlights of SCICON-2024**

#### **Day 1: The Inaugural Ceremony**

The inaugural ceremony began with a prayer, invoking divine blessings for the success of SCICON-2024. The ceremonial lamp lighting, symbolizing the illumination of knowledge, was performed by Rev. Sr. S. Magnificat (Secretary of the College), Dr. Pushpa (Principal), keynote speakers Dr. E. Suresh, Dr. Emima, and Dr. Teresa (Convener, IQAC Coordinator, and Head of the Department of Mathematics), accompanied by Ms. Punitha (Head of the Department of Physics).

#### **Key Moments:**

Dr. Evangelin (Assistant Professor, Department of Physics) delivered a warm welcome address.

Dr. Teresa outlined the objectives and themes of SCICON-2024.

The SCICON-2024 Proceedings were officially released by Sr. Magnificat, encapsulating 25 full papers presented at the conclave.

The Presidential Address by Sr. Magnificat highlighted the college's growth and its contributions to academic excellence.

Sr. Pushpa, in her Felicitation Address, emphasized the significance of collaborative learning in fostering innovation.

Keynote speakers, Dr. Suresh and Dr. Emima, shared insights on learning values and the role of the Science Conclave in driving research.

The session concluded with a Vote of Thanks delivered by Ms. Keerthi (Assistant Professor, Department of Computer Science).

After the inaugural session, a group photo session captured the unity and collaboration of the conclave, followed by a tea break for networking.

#### **Insightful Keynotes and Presentations**

The first technical session featured an engaging keynote by Dr. E. Suresh on "Smart Tools for Smart Classes: A New Perspective", exploring modern teaching and learning technologies. This was followed by paper presentations:



06 presenters from the Department of Physics (Offline) under Dr. Emima (Holy Cross College, Trichy).

Dr. Emima's session on "Advances in Nanomaterials for Drug Delivery and Anticancer Therapeutics" provided deep insights into innovative medical applications.

Mathematics Department: 10 online and 4 offline paper presentations under Dr. Joseph Clement (VIT, Vellore) and Dr. Arul Amirtha Raja (St. Joseph's College of Engineering, Chennai).

Physics Department: 8 online paper presentations under Dr. Muthupandi (Saveetha University, Chennai).

## **Day 2: Technical Sessions and Best Paper Awards**

The second day began with a prayer song, followed by a welcome address by Dr. Leema (Assistant Professor, Mathematics).

Dr. P. N. Jeipratha (VIT, Chennai) delivered a session on "Efficient Problem Solving: Unveiling Strategies for Optimal Algorithm Design".

Dr. Sakander Hayat presented an online lecture on "The Unimodality and Peak Location of Characteristic Polynomials of the Distance Matrix of Block Graphs".

16 presenters from Computer Science presented their research online under Dr. Jeipratha.

## **Best Paper Awards**

Outstanding research presentations were recognized across disciplines:

**Physics:** Dr. Sankar (Don Bosco College, Dharmapuri) & Mr. Kelvin Adaikalam (Cauvery College for Women, Trichy).

**Mathematics:** Dr. Sr. Christy Rani (Bon Secours College for Women) & Ms. Yesurani (J.J. College of Arts and Science, Pudukkottai).

**Computer Science:** Mr. Benedict Raymond & Mr. ArunKarthic (St. Joseph's College of Engineering, Chennai).

## **Achievements and Impact**

48 full paper submissions, with 25 selected for AIJR publication after rigorous review.

Significant media coverage and online engagement enhanced the event's global impact.

The SCICON-2024 Proceedings were officially published.

## **Acknowledgments**

Sincere gratitude to Sr. Magnificat (Secretary), Sr. Pushpa (Principal), and the community sisters for their unwavering support. Special appreciation to Dr. Padmavathi, Dr. Leema, and Dr. Evangelin for their dedicated efforts in organizing SCICON-2024. A heartfelt thanks to our keynote speakers, presenters, participants, sponsors, and the editorial team (Dr. Bharathi, Dr. Arul Amirtha Raja, and Dr. Clement) for their invaluable contributions.

## **Conclusion & The Sr. Bernadine Endowment Fund**

SCICON-2024 has been an inspiring journey of knowledge, innovation, and collaboration.

A special highlight was the Sr. Bernadine Endowment Fund, sponsored by Dr. Amir and Dr. Clement, aimed at supporting outstanding Mathematics students. This initiative, first envisioned during ICRTMCS 2023, became a reality this year.

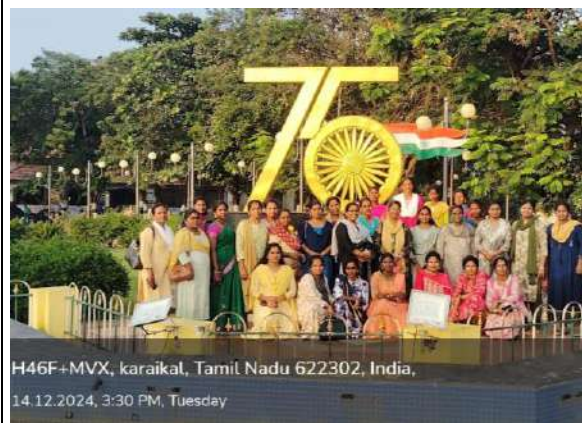
The fund was officially declared open for the academic year 2024, with Ms. Pooja and Ms. Subashni (B.Sc. III Year Mathematics) as the first recipients. Sincere gratitude to Dr. Amir and Dr. Clement for their generosity in empowering students through this initiative.

**Conference Tour & Closing Note**

Participants concluded the event with a conference tour, visiting Danish Fort, Tharangambadi Beach, and Poompuhar Beach. SCICON-2024 successfully fostered academic excellence, collaboration, and meaningful initiatives, leaving a lasting impact on the research community.

## Photos









**FACULTY DEVELOPMENT PROGRAM ON MICROSOFT POWER BI DATA  
ANALYST ASSOCIATE**

<b>Activity Name</b>	Faculty Development Program on Microsoft Power BI Data Analyst Associate
<b>Date of Activity</b>	23.12.2024 to 28.12.2024
<b>Mode of Conduct</b>	Offline
<b>Time</b>	09.30 am – 04.30 PM
<b>Participants</b>	Faculty -1
<b>Description</b>	<p>Department of Computer Science and Engineering has organized a Five days Faculty Development program on “Microsoft Power BI Data Analyst Associate” in association with ICT academy from 23-12-2024 to 28-12-2024. Ms. N. Sengamala Selvi from the Department of Computer Applications actively participated in the six-day Faculty Development Programme.</p> <p><b>Day -1:</b> The faculty development programme is inaugurated on 23<sup>rd</sup> December at 10:30 am at Center 7 (Computer Lab). The dignitaries on the stage were Mr. S. Gopinath Senior Technical Trainer, ICT Academy, Dr. Kalaimani Shanmugam HOD, Department of CS &amp; Engineering, Mr. Venkatesh Relationship Manager. The first day technical session covered an introduction of Big data and Power BI. Get started with Microsoft Data Analytics and Prepare Data for analysis were also taught during the session.,</p> <p><b>Day -2:</b> The session started with the explanation of installation of Microsoft Power BI tool which also requires supporting tools known as Microsoft Power BI Report Builder software. He explained the various steps involved in the installation of Microsoft Power BI tool and Microsoft Power BI Report Builder software along with the system configuration required to install these tools. Also, they have explained various issues that arise during the installation process and how to debug those issues.</p> <p><b>Day 3:</b> The lab session was designed as a complete story from data preparation to publication as reports and dashboards. It has focused on the following set of actions:</p> <ol style="list-style-type: none"><li>1. Preparing the Data in Power BI Desktop</li><li>2. Loading the Data in Power BI Desktop</li><li>3. Modeling the Data in Power BI Desktop</li></ol>

4. Creating DAX Calculations in Power BI Desktop, Part 1
5. Creating DAX Calculations in Power BI Desktop, Part 2

**Day-4:**

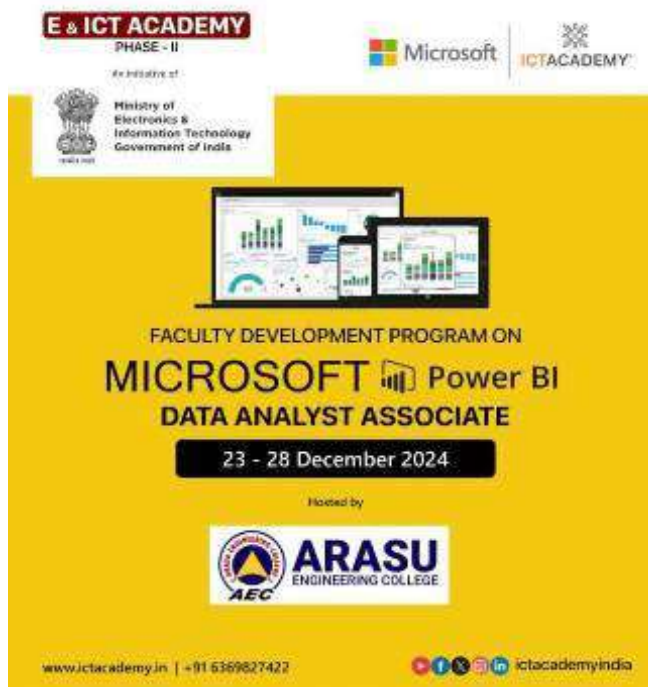
The lab session faculties were able to create a three-page report, and then publish it to Power BI, where upon they will open and interact with the report. In this lab they learnt how to: Design a report Configure visual fields and format properties. to do this the following sequences of action have performed.

**Day-5:** In this lab they learnt how to: Sync slicers Create a drill through page Apply conditional formatting Create and use book marks. The steps were followed for this exercise are as follows:

1. Prepare Data in Power BI Desktop
2. Load Data in Power BI Desktop
3. Model Data in Power BI Desktop
4. Create DAX Calculations in Power BI Desktop, Part 1
5. Create DAX Calculations in Power BI Desktop, Part 2

Approximately 35 esteemed faculty members from diverse institutions participated in the programme, fostering a rich exchange of ideas and expertise. The end of the session all the participants filled the feedback about the 5 days FDP function and then followed by the group photo.

**Brochure**



## Certificate



## Photos





**NAAN MUDHALVAN FACULTY DEVELOPMENT PROGRAMME**

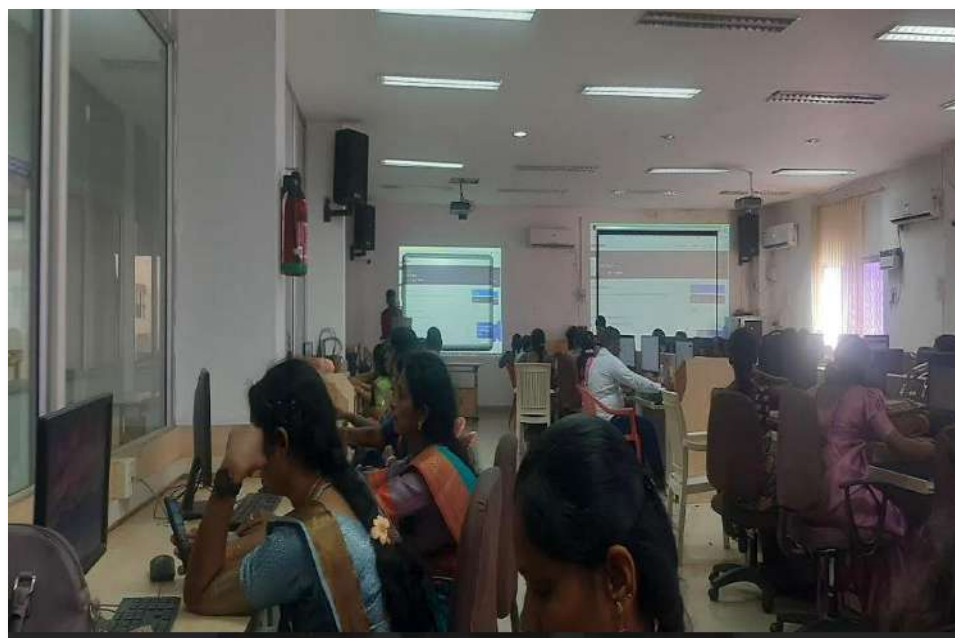
<b>ActivityName</b>	Naan Mudhalvan Faculty Development Programme
<b>DateofActivity</b>	06.01.2025 – 11.01.2025
<b>ModeofConduct</b>	Offline
<b>Time</b>	9.00 am to 4.30 PM
<b>Participants</b>	Faculty -1
<b>Description</b>	<p>A Faculty Development Program (FDP) on Fundamentals of Front-End Web Development was successfully conducted for 200 faculty members from various colleges. This initiative, held under the Naan Mudhalvan (NM) scheme, aimed to clarify course content, address curriculum-related queries, and explain the evaluation process in detail. Participants found the program both enriching and intellectually stimulating. Ms. D. Keerthi Assistant Professor, Department of Computer Science, Auxilium College of Arts and Science Participated in this event and gained knowledge to be explored among the students during the Naan Mudhalvan Assessment.</p> <p>The program was inaugurated with a welcome address by Mr. Manimaran, Coordinator, BDU Computer Science Faculty. In his speech, Mr. Manimaran highlighted the student-centric focus of the Naan Mudhalvan scheme, encouraging faculty to emphasize learning outcomes over traditional teaching methods. He underscored the importance of clearly defined learning outcomes as the foundation for curriculum design and the development of effective teaching strategies.</p> <p>The six-day FDP course was conducted by experienced trainers from the Edunet Foundation, who emphasized the integration of technical knowledge with practical applications, including specific insights into Google Cloud technologies.</p> <p>On January 11, 2025, a Grand Assessment Test was conducted via Google Forms, designed and managed by Edunet. Participants also submitted a project module on the IBM Skill Build platform, demonstrating their applied learning. Following this, participants were added to the TNSDC-FDP WhatsApp group to facilitate ongoing collaboration and knowledge sharing.</p> <p>A dedicated Question and Answer session allowed participants to raise their queries, with Mr. M. Vignesh and Mr. Pranesh offering detailed guidance and clarifications.</p> <p>The FDP concluded with a feedback session, enabling participants to share their experiences. A vote of thanks was delivered, recognizing the efforts of the organizers and facilitators, followed by a group photo session to commemorate the event. Ms. Pinky, the NM in-charge from TNSDC, played a key role in coordinating and managing the</p>

program.

## Certificate



## Photos



**NAAN MUDHALVAN COURSE FOR EVEN SEMESTER**

<b>Name of the Activity</b>	Naan Mudhalvan Course
<b>Month of Activity</b>	January 2025 to February 2025(5 weeks)
<b>Place</b>	Auxilium College of Arts and Science for Women, Regunathapuram
<b>Mode of Conduct</b>	Virtual mode
<b>Time</b>	11.00 am to 1.00 PM
<b>Participants</b>	Students - 54
<b>Description</b>	<p>The Tamil Nadu Skill Development Corporation (TNSDC), under the Naan Mudhalvan initiative, organized a Skill Development Program on Google Cloud Computing for III Year UG Computer Applications students. The program was conducted in virtual mode from 20th January 2025 to 20th February 2025, with sessions held daily from 11:00 AM to 1:00 PM.</p> <p>The sessions began with an introduction to the Google Cloud Skill Boost platform and the Naan Mudhalvan (NM) portal, including instructions on login credentials and portal navigation. Following this, students were introduced to the Skill Wallet system and the implementation of cloud technologies in IT.</p> <p>The training covered a wide range of important topics, such as:</p> <ul style="list-style-type: none"><li>• Fundamentals of Cloud Computing</li><li>• The uses and advantages of Artificial Intelligence (AI)</li><li>• The history of AI and its integration with Google Cloud</li><li>• Real-world applications of Google Cloud</li></ul> <p>Students also learned about Google Cloud's broad suite of hosted services, including:</p> <ul style="list-style-type: none"><li>• Compute resources</li><li>• Data storage solutions</li><li>• Machine learning capabilities</li><li>• Big data analytics</li><li>• Networking infrastructure</li></ul> <p>The Naan Mudhalvan team shared the class schedules and credentials with the in-</p>

charge staff via email. The course content was delivered through detailed AI laboratory modules, giving students valuable hands-on experience.

As part of the Naan Mudhalvan initiative, a Final Skill Development Assessment in Google Cloud Computing was conducted for the final-year BCA students on 7th April 2025 at Auxilium College.

The external examiner, Ms. R. Lakshmi, Assistant Professor, Department of Computer Science, Queens College of Arts and Science for Women, Punalkulam, Pudukkottai District, conducted the viva voce. Each student prepared a PowerPoint presentation on a relevant Google Cloud Computing topic. The presentations served as the basis for the viva, enabling a deeper evaluation of the students' understanding and application of the concepts learned.

A total of 54 students enrolled in the program and successfully completed the course. The program provided comprehensive insights into Google Cloud technologies and cloud computing techniques, significantly enhancing students' technical skills and analytical abilities.

#### Photos







**WORKSHOP ON EFFECTIVE SALES AND MARKETING STRATEGIES FOR  
ENTREPRENEURS/STARTUPS**

<b>Activity Name</b>	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs/Startups
<b>Date of Activity</b>	11 February, 2025
<b>Mode of Conduct</b>	Offline
<b>Level of Activity</b>	Level - 1
<b>Participants</b>	Faculty - 4 Students - 59
<b>Description</b>	<p>On 11th February 2025, the Auxilium Institution's Innovation Council, in collaboration with the Department of Computer Applications, organized a workshop titled “Effective Sales and Marketing Strategies for Entrepreneurs/Startups.” The session aimed to equip students and aspiring entrepreneurs with essential skills to navigate the competitive world of sales and marketing.</p> <p>The resource person, Dr. S. Padmavathi, ARIIA Coordinator, Auxilium Institution’s Innovation Council, was warmly welcomed by Ms. R. Allirani, Convener, Auxilium Institution’s Innovation Council. Ms. Allirani emphasized the workshop’s role in fostering an entrepreneurial mindset among students.</p> <p><b>Key Takeaways from the Workshop:</b></p> <ul style="list-style-type: none"><li>➤ Understanding Market Trends - Dr. Padmavathi provided an in-depth analysis of current market trends, focusing on the growing impact of digital marketing, social media influence, and data-driven decision-making in shaping business success.</li><li>➤ Strategic Sales &amp; Marketing Approaches - She explained that sales and marketing go beyond selling products; they create and shape markets by identifying customer needs, developing value propositions, and positioning products effectively.</li><li>➤ Customer Segmentation &amp; Targeting - Students explored how businesses use market research to optimize sales strategies through real-world case studies and interactive discussions.</li></ul> <p>The Q&amp;A session was particularly engaging, allowing students to ask questions, share insights, and gain deeper perspectives on effective sales and marketing strategies.</p> <p>The event concluded with a Vote of Thanks by Ms. Renilda, Innovation Ambassador, Auxilium Institution’s Innovation Council, who expressed gratitude to Dr. Padmavathi, the organizers, and the students for their enthusiastic participation.</p>

The workshop proved highly beneficial in providing practical knowledge and strategic insights, inspiring students to apply these concepts in their future entrepreneurial journeys.

## Photos





### **WEBINAR ON FULL STACK DEVELOPMENT**

<b>ActivityName</b>	Webinar on Full Stack Development
<b>Date of Activity</b>	15.02.2025
<b>Mode of Conduct</b>	Hybrid
<b>Time</b>	09. 30 AM – 12.30 PM
<b>Participants</b>	Students - 51 Faculty - 4
<b>Description</b>	<p>The Department of Computer Applications, in collaboration with the ICT Academy, successfully organized a Power Seminar on 15th February 2025. The seminar was conducted on the highly relevant and in-demand topic of “Full Stack Development”. The event witnessed enthusiastic participation from both students and faculty members of the Department of Computer Applications, reflecting their keen interest in contemporary technological advancements and industry-relevant skills.</p> <p>The seminar featured a distinguished resource person, Mr. M. Viswanathan, Deputy General Manager and Chief Executive Officer of TVS Supply Chain Solutions Ltd., who brought with him a wealth of knowledge and practical insights from the industry. His session was both informative and inspiring, providing a comprehensive overview of Full Stack Development and its growing importance in the tech industry.</p> <p>During the seminar, Mr. Viswanathan elaborated on the various components of Full Stack Development, including front-end and back-end technologies, databases, and version control systems. He emphasized the importance of understanding the full technology stack to build scalable and efficient web applications. The session also included discussions on current trends, job opportunities, and the skillsets required to thrive as a full stack developer in today’s competitive environment.</p> <p>Participants had the opportunity to interact with the speaker and ask questions, which added a dynamic and engaging element to the seminar. The session concluded with a vote of thanks, expressing gratitude to Mr. Viswanathan for his valuable contribution and to the ICT Academy for their collaboration.</p> <p>Overall, the seminar was a resounding success, providing participants with valuable insights into Full Stack Development and encouraging them to explore new learning paths in the field of web and application development.</p>



## Photos





**SESSION ON HOW TO PLAN FOR START-UP AND LEGAL & ETHICAL STEPS**

<b>ActivityName</b>	Session on How to plan for Start-up and legal & Ethical Steps
<b>DateofActivity</b>	12.04.2025
<b>ModeofConduct</b>	Offline
<b>Time</b>	09. 30AM – 01.00 PM
<b>Participants</b>	Students 51 Faculty - 4
<b>Description</b>	<p>The Auxilium Institution's Innovation Council, in collaboration with the Department of Computer Applications, organized a session on “How to Plan for Start-up and Legal &amp; Ethical Steps” on 12th April 2025. The resource person for the session was Dr. T. Sangeetha, Innovation Ambassador, Auxilium Institution’s Innovation Council. The session commenced with a warm welcome address by Ms. N. Sengamala Selvi, Head of the Department of Computer Applications. The objective of the session was to raise awareness about the legal and ethical aspects of startups for faculty members, students, and the entrepreneurial community. Dr. Sangeetha elaborated on the fundamentals of startups, including the process of initiation, fundraising methods, and the legal and ethical considerations that play a crucial role in a startup's success.</p> <p>The session proved highly beneficial for aspiring entrepreneurs and young innovators, enhancing their motivation and equipping them with the knowledge to transform their ideas into viable startups. It aimed to guide students in incubating their ideas, obtaining seed funding, accessing various grants, and understanding the essential requirements to establish a startup. Dr. Sangeetha also emphasized the importance of providing proper support and resources to individuals working in startups, ensuring they have access to accurate and timely information.</p> <p>The insights shared during the session are expected to empower participants in their entrepreneurial journeys, enabling them to make informed decisions and navigate challenges effectively. The session concluded with a vote of thanks delivered by Ms. R. Allirani, Convener of the Auxilium Institution’s Innovation Council.</p>





# AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(Affiliated to Bharathidasan University, Thiruchirappalli)  
Regunathapuram (PO), Karambakudi (TK), Pudukkottai (DT) – 622302



## NAAN MUDHALVAN PRACTICAL

<b>Activity Name</b>	Naan Mudhalvan Final Assessment
<b>Date of Activity</b>	07.04.2025
<b>Mode of Conduct</b>	Offline
<b>Duration</b>	9.00 AM to 1.30 PM
<b>Participants</b>	Students – 54
<b>External Examiner</b>	Ms. R. Lakshmi, Assistant Professor, Department of Computer Applications, Queens College of Arts and Science for Women, Punalkulam.
<b>Description</b>	<p>As part of the Naan Mudhalvan initiative launched by the Government of Tamil Nadu, the Skill Development Examination in Google Cloud Computing was successfully conducted for final year BCA students of Auxilium College of Arts and Science for Women.</p> <p>The course, categorized under Computer Applications, was conducted online over a period of 5 weeks, from January 20 to February 20, 2025. The final assessment took place on April 7, 2025, at Auxilium College. Mark based on internal marks given by faculty and course completion and assessment conducted by the training partner and external evaluation based on the students PPT. Ms. R. Lakshmi, Assistant Professor, Department of Computer Applications, Queens College of Arts and Science for Women, Punalkulam, was the external examiner to monitor the student's viva voce examination. Each student prepared a PowerPoint presentation as part of the examination. The viva voce was conducted based on their presentations, allowing for a comprehensive evaluation of their understanding and application of Google Cloud Computing concepts.</p> <p>A total of 54 students enrolled in and successfully completed the course. The program provided in-depth knowledge of Google Cloud technologies, equipping students with essential technical skills and analytical abilities. It served as a valuable platform to enhance their employability in cloud-based technology roles and fostered their confidence in navigating modern computing environments.</p>

## Photos

